(Number)

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I haliave I am the original first and sole inventor (if only one name is listed helow) or an original first and

	f plural names a	are listed below) of the	subject matter which is claimed	
SEED LAYER	DEPOSITION			
the specificatio	n of which			
(check one)				
[X]	filed October was filed on _ Application No.	25, 2000.	U.S. Provisional Application S as United States Applicati	
	and was ame	nded on(if a	pplicable)	
		ewed and understand the ded by any amendmen	ne contents of the above identif t referred to above.	ied specification,
			es Patent and Trademark Offic d in Title 37, Code of Federal R	
365(b) of any for International apart and have also in	oreign application oplication which identified below CT Internationa	on(s) for patent or inve designated at least on by by checking the box,	United States Code, Section 1 ntor's certificate, or Section 36 to country other than the United any foreign application for pate illing date before that of the app	5(a) of any PCT I States, listed below nt or inventor's
Prior Foreign A	pplication(s)			Priority Not Claimed
(Number)		(Country)	(Day/Month/Year Filed)	[]
(Number)		(Country)	(Day/Month/Year Filed)	[]
				[]

(Country)

(Day/Month/Year Filed)

60/243,084	Oc	tober 25, 2000
(Application Serial No.)	(Fil	ing Date)
(Application Serial No.)	(Fil	ing Date)
(Application Serial No.)	(Fil	ing Date)
65(c) of any PCT International applicat ubject matter of each of the claims of t		
cknowledge the duty to disclose to the o me to be material to patentability as d etween the filing date of the prior applic	provided by the first paragraph United States Patent and Tra lefined in Title 37, C.F.C., Se	h of 35 U.S.C. Section 112, I ademark office all information known ction 1.56 which became available
nternational application in the manner packnowledge the duty to disclose to the ormeto be material to patentability as doetween the filing date of the prior application: (Application Serial No.)	provided by the first paragraph United States Patent and Tra lefined in Title 37, C.F.C., Se	h of 35 U.S.C. Section 112, I ademark office all information known ction 1.56 which became available T International filing date of this (Status)
acknowledge the duty to disclose to the orme to be material to patentability as do netween the filing date of the prior application:	provided by the first paragraph United States Patent and Tra lefined in Title 37, C.F.C., Se cation and the national or PC	h of 35 U.S.C. Section 112, I ademark office all information known ction 1.56 which became available T International filing date of this

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

David G. Conlin	Reg. No. 27,026	Christine C. O'Day	Reg. No. 38,256
George W. Neuner	Reg. No. 26,964	Robert L. Buchanan	Reg. No. 40,927
Linda M. Buckley	Reg. No. 31,003	David E. Tucker	Reg. No. 27,840
Peter J. Manus	Reg. No. 26,766	Lisa Swiszcz Hazzard	Reg. No. 44,368
Peter F. Corless	Reg. No. 33,860	George W. Hartnell	Reg. No. 42,639
Cara Z. Lowen	Reg. No. 38,227	Kathleen Carr	Reg. No. 41,658
William J. Daley, Jr.	Reg. No. 35,487	Stewart L. Gitler	Reg. No. 31,256
Steven M. Jensen	Reg. No. 42,693	Kathryn A. Piffat	Reg. No. 34,901
John B. Alexander	Reg. No. 42,693 Reg. No. 48,399	Raunyn A. I mat	110g. 110. 0-1,001

S. Matthew Cairns
John J. Piskorski
Darryl P. Frickey

Reg. No. 42,378 Reg. No. 35,647 Reg. No. 34,603

Send Correspondence to:

S. Matthew Cairns

c/o EDWARDS & ANGELL, LLP

Dike, Bronstein, Roberts & Cushman, IP Group

P.O. Box 9169

Boston, Massachusetts 02209, U.S.A.

Direct Telephone Calls to: (name and telephone number)

S. Matthew Cairns

Telephone:

(508) 229-7545

Facsimile:

(508) 229-0254

Full name of sole or first inventor	
James G. SHELNUT Sole or firstlinventor's signature	Date: 1
mis XIII	10/18/01
Residence	
5 Babcock Drive, Northboro, MA 01532, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	